



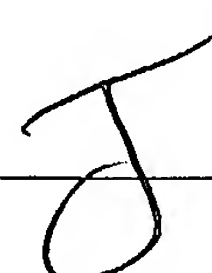
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/626,750	07/23/2003	Necia D. Bower	Bower.N-01	1725
22197	7590	07/28/2004	EXAMINER	
GENE SCOTT; PATENT LAW & VENTURE GROUP 3140 RED HILL AVENUE SUITE 150 COSTA MESA, CA 92626-3440			SCHULTERBRANDT, KOFI A	
			ART UNIT	PAPER NUMBER
			3632	

DATE MAILED: 07/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/626,750	Applicant(s) BOWER ET AL.	
	Examiner Kofi A. Schulterbrandt	Art Unit 3632	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 5 and 6 is/are rejected.
- 7) ☐ Claim(s) 3 and 4 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>021704 and 032204</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This first Office Action is in response to Applicant's originally filed Application received in the Office on July 23, 2003 in this case.

Information Disclosure Statement

The information disclosure statements (IDS) submitted on February 17, 2004 and March 22, 2004 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statements have been considered by the examiner.

Claim Rejections - 35 USC § 103

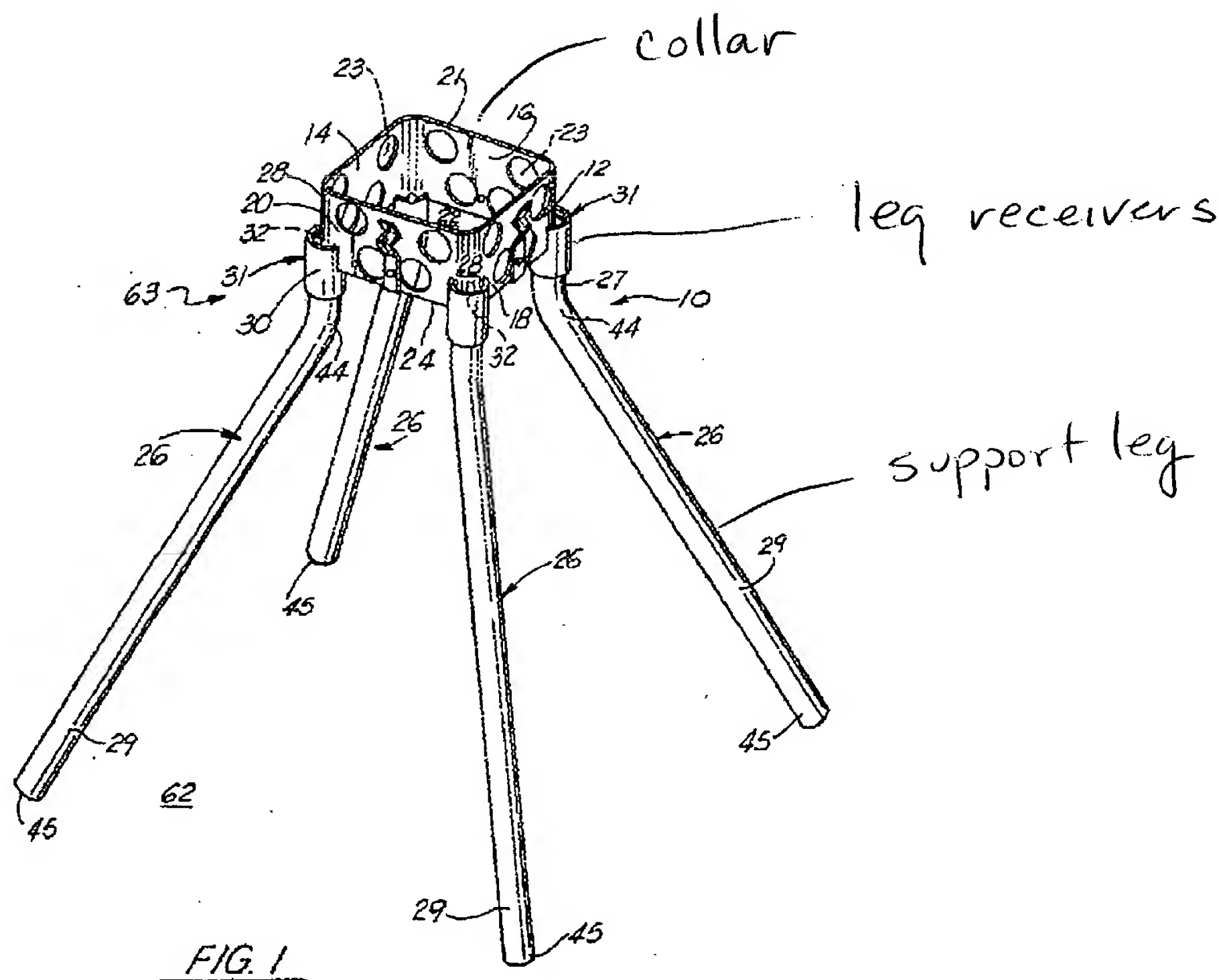
The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 2, 5 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Meyers et al. (5,597,145), in view of Garst (1,407,403). Meyers et al. teach, substantially, each feature of the claimed invention as shown below including inner side walls surfaces and a snap in engagement. Meyers et al. do not teach the claimed leg brace or a protrusion provided by the side wall surface. Garst, however, teaches a leg brace assembly supporting legs medially by a fastener connection that would allow individual brace segments to rotate to allow placing the support legs in a common plane. It would have been obvious to one of ordinary skill in the art at the time of

Art Unit: 3632

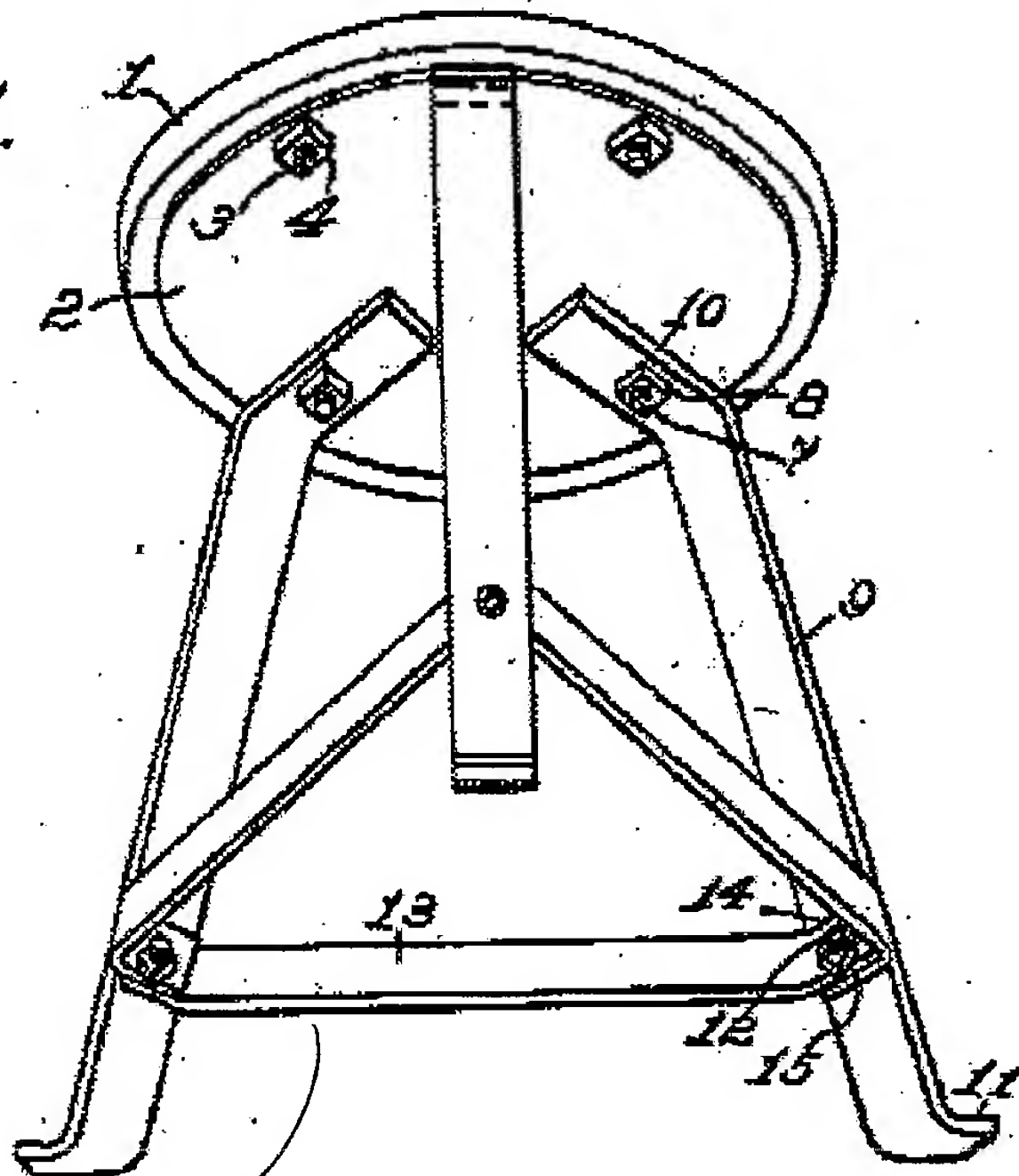
invention to have modified Meyers et al. based on Garst's teaching of braces to include removable braces that allow Meyers et al.'s invention to be compactly stored in the same plane. Regarding claim 2, it would also have been obvious to one of ordinary skill in the art at the time of invention to have modified Meyers to accomplish a snap in arrangement **equivalent** to the claimed snap in arrangement by reversing the position of the protrusion from being on the leg as now taught by Meyers to being on the inside wall surface of Meyers' (30) while modifying Meyers' leg to receive the protrusion projecting from the inside wall surface. Regarding claim 6, the above combination clearly teaches each step of the claimed method in that each step can be inherently performed in assembling and disassembling the cited reference apparatus.



1,407,403.

Patented Feb. 21, 1922.

Fig. 1.



leg brace

Allowable Subject Matter

Claims 2-4 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Reasons for Indicating Allowable Subject Matter

The following is a statement of reasons for the indication of allowable subject matter: Regarding claims 3 and 4, the prior art of record does not teach, in combination with the other features of claim 1, an apparatus wherein an upper proximal end of each of the support legs is formed as an inverted V-shape, the slots of the leg receivers each converging upwardly for accepting the V-shape of the support legs in tight-fitting engagement.

Prior Pertinent Art

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. U.S. Patent No. '749 to Jerry et al. Jerry et al. teach a multi-leg structure having a slot for insertion of legs.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kofi A. Schulerbrandt whose telephone number is (703) 306-0096. The examiner can normally be reached on Monday - Friday, 8:00 a.m. - 5:00 p.m..

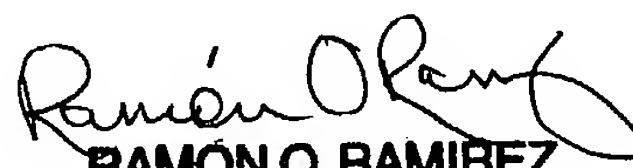
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leslie A. Braun can be reached on (703) 308-2156. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 3632

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kofi Schulerbrandt
July 21, 2004



RAMÓN O. RAMÍREZ
PRIMARY EXAMINER